

## Boom Trucks

A boom truck is sometimes recognized by the cable and telephone company vans that have the extended arm folded over their roofs. Commonly, a bucket-like apparatus sits at the extension of extendable arms. Normally known as a cherry picker, or an aerial boom truck, a bucket vehicle has an extendable boom installed on the roof or bed. It can transport staff to the top of a telephone or utility pole. Bucket boom lift trucks have a hauling capacity of around 350 lbs to 1500 lbs or 158 kg to 680 kg and are capable of extending the bucket up to 34 feet or just over 10 meters into the air.

Construction boom vehicles or heavy duty boom vehicles will sometimes have a hoist appendage on the rear. Often labeled knuckle booms, these cranes might be shorter and more compact than the trolley boom, which has a boom capable of extending the length of the vehicle. Hoist boom trucks possess a raising capability between 10 to 50 tons or approximately 9 to 45 metric tons.

Concrete boom vehicles are a further adaptation. The booms on these vehicles have a pipe with a nozzle at the remote end and are used to pump concrete or other resources. The places where these resources have to be deposited is oftentimes inaccessible to the vehicle or is found at a considerable height, therefore, the boom of a larger concrete boom truck might be extended 230 feet or approximately 71 meters. The vehicle then pumps the concrete through the boom precisely depositing it into the space where it is required.

Fire departments are equipped with a lengthy bucket boom employed to hoist firefighters to the upper floors of a structure. Once in place, this boom permits them to direct water onto flames or to rescue ensnared victims. A lot of the older hook and ladder lift trucks have been displaced by current boom vehicles.

There is also a small self-propelled boom truck, analogous to a forklift that is available on the market for sizable warehouses or production plants. These mini boom trucks can lift staff to upper storage areas or to the ceiling of the building. They are far safer and more stable than utilizing an extension ladder for the identical function.